

INTERNATIONAL SEARCH REPORT

International application No.

PCT/FI 2004/000446

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: F21V 21/08

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: F21L, F21V

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4406040 A (ROBERT P. CANNONE), 27 Sept 1983 (27.09.1983), see whole document --	1-7
A	US 20020021566 A1 (RAZGO LEE), 21 February 2002 (21.02.2002), see fig 2-3,11-12 and description of figures --	1-7
A	US 5086378 A (MARK W. PRINCE), 4 February 1992 (04.02.1992), see whole document -- -----	1-7

☐ Further documents are listed in the continuation of Box C.☒ See patent family annex.

* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

22 October 2004

Date of mailing of the international search report

26-10-2004

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INTERNATIONAL SEARCH REPORT

Information on patent family members

03/09/2004

International application No.

PCT/FI 2004/000446

US	4406040	A	27/09/1983	NONE
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US	20020021566	A1	21/02/2002	US	6467929 B	22/10/2002
				US	6733153 B	11/05/2004

US	5086378	A	04/02/1992	NONE
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